

AMENDMENT

Ser. No. 09/747,650 filed December 22, 2000, Shingo Yamaguchi
Examiner: Thierry L. Pham, GAU 2624
Docket No. 49986-0503

AMENDMENT TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (currently amended) A printing interface apparatus comprising:
a wireless communication component that is configured to receive electronic document information over a wireless connection, wherein the electronic document information is associated with one or more electronic documents;
and
a printer interface component that includes a web server application configured to receive non-print ready electronic document information over said wireless connection, wherein said printer interface component is configured to generate a print ready file based on said non-print ready electronic document information received over said wireless connection, and to communicate said generated print ready file to a printing device for generating a hard copy of said one or more electronic documents; and
~~a payment component that is configured to control the printing of documents by requiring a monetary payment prior to generating said hard copy of said one or more electronic documents.~~
2. (cancelled)
3. (currently amended) The printing interface apparatus as recited in Claim 1 20,
wherein:

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the payment component is configured as a magnetic card reader that is capable of reading non-physical payment information as payment for generating said hard copy of said one or more electronic documents.

4. (currently amended) The printing interface apparatus as recited in Claim † 20,
wherein:
the payment component is configured to accept Cyber-Cash information over the wireless connection as payment for generating said hard copy of said one or more electronic documents.
5. (currently amended) The printing interface apparatus as recited in Claim † 20,
wherein:
the payment component is configured to accept physical currency as payment for generating said hard copy of said one or more electronic documents.
6. (original) The printing interface apparatus as recited in Claim 1, wherein:
said wireless communication component is configured to communicate with one or more wireless devices using a blue tooth communication protocol.
7. (original) The printing interface apparatus as recited in Claim 1, wherein:
said wireless communication component is configured to communicate with one or more wireless devices using a 802.11 communication protocol.
8. (original) The printing interface apparatus as recited in Claim 1, wherein:

said wireless communication component is configured to communicate with one or more wireless devices using a signal in about a 2.4 GHz range.

9. (previously presented) The printing interface apparatus as recited in Claim 11, wherein said wireless communication component includes means for downloading one or more printer drivers over said wireless connection, wherein the one or more printer drivers are compatible with said printing device.

10. (original) A printing interface apparatus comprising:

a wireless communication component that is configured with a receiving component for receiving electronic document information over a wireless connection, wherein the wireless communication component includes a front side and a back side, and wherein the receiving component is shielded to limit reception of said electronic document information from only those devices that are located substantially in front of the wireless communication component; and a printer interface component that is configured to communicate said electronic document information to a printing device for generating a hard copy of one or more electronic documents based on said electronic document information.

11. (currently amended) A printing interface apparatus comprising:

a wireless communication component that is configured to receive an electronic document file from a wireless device over a wireless connection;

a server component that is configured to dynamically generate an electronic document for display on the wireless device, wherein the electronic document is based on the received electronic document file and includes a print request selector that allows a user to request a hard copy of said electronic document file;

a printer interface component that is configured to communicate ~~data~~ a print ready file, based on said electronic document file, to a printing device for generating a hard copy of said electronic document file; and

a payment component that is configured to control the printing of documents by requiring a monetary payment prior to generating said hard copy of said electronic document file.

12. (previously presented) A method for printing electronic documents received over a wireless connection, the method comprising:
 - receiving over said wireless connection non-print ready electronic document information at a wireless interface component, wherein the wireless interface component is configured to communicate with one or more wireless devices over a wireless connection;
 - communicating said non-print ready electronic document information to a web server application of a printer interface component;
 - generating a print ready file based on the non-print ready electronic document information by the printer interface component;

transmitting said generated print ready file to a printing device that is configured to generate a hard copy document; and prior to generating said hard copy document, requiring that a monetary payment be received for generating said hard copy document.

13. (cancelled)

14. (original) The method as recited in Claim 12, wherein the step of requiring that a monetary payment be received includes the step of requiring that non-physical payment information be received prior to generating said hard copy document.

15. (original) The method as recited in Claim 12, wherein the step of requiring that a monetary payment be received includes the step of requiring that Cyber-Cash information payment information be received prior to generating said hard copy document.

16. (original) The method as recited in Claim 12, wherein the step of requiring that a monetary payment be received includes the step of requiring that physical currency be received prior to generating said hard copy document.

17. (original) The method as recited in Claim 12, wherein:
the wireless interface component is configured as a bluetooth interface; and
the step of receiving electronic document information includes the step of receiving electronic document information at said bluetooth interface using a blue tooth communication protocol.

18. (original) The method as recited in Claim 12, wherein:

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the wireless interface component is configured to communicate with one or more wireless devices using a signal in about a 2.4 GHz range; and the step of receiving electronic document information includes the step of receiving electronic document information over said signal.

19. (previously presented) The method as recited in Claim 12, further comprising the step of downloading one or more printer drivers from said wireless interface component to said one or more wireless devices over said wireless connection, wherein said one or more printer drivers are compatible with said printing device.

20. (new) The printing interface apparatus as recited in Claim 1, further comprising: a payment component that is configured to control the printing of documents by requiring a monetary payment prior to generating said hard copy of said one or more electronic documents.

21. (new) The printing interface apparatus as recited in Claim 1, wherein said printer interface component additionally includes a printer driver compatible with the printer device, wherein said printer driver generates the print ready file based on said non-print ready electronic document information received over said wireless connection and communicates said generated print ready file to the printing device.

22. (new) The method as recited in Claim 12, wherein the printer interface component includes a printer driver compatible with the printer device, and the step of

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generating a print ready file based on the non-print ready electronic document information by the printer interface component comprises the printer driver generating a print ready file based on the non-print ready electronic document information.

23. (new) The printing interface apparatus of Claim 10, wherein the wireless communication component includes a top side that is surrounded by a shield, said shield limiting reception of the receiving component to those devices that are located substantially in front of the wireless communication component.